



# Alaska Climate Adaptation Advisory Group

of the Governor's Climate Change Sub-Cabinet

Public Infrastructure Technical Work Group (PI-TWG)  
Teleconference Meeting #1  
July 11, 2008

Alaska Climate Change Strategy  
The Center for Climate Strategies

# Agenda

- Introductions
- Purpose and Goals
- Review of the ACCAAG and Technical Work Group (TWG) Processes
- Review the Public Infrastructure Policy Options Catalog
- Review Next Steps
- Identify Agenda, Date, and Time of Next Meetings [Decision Item]
- Public Comments
- Announcements

# Welcome and Introductions

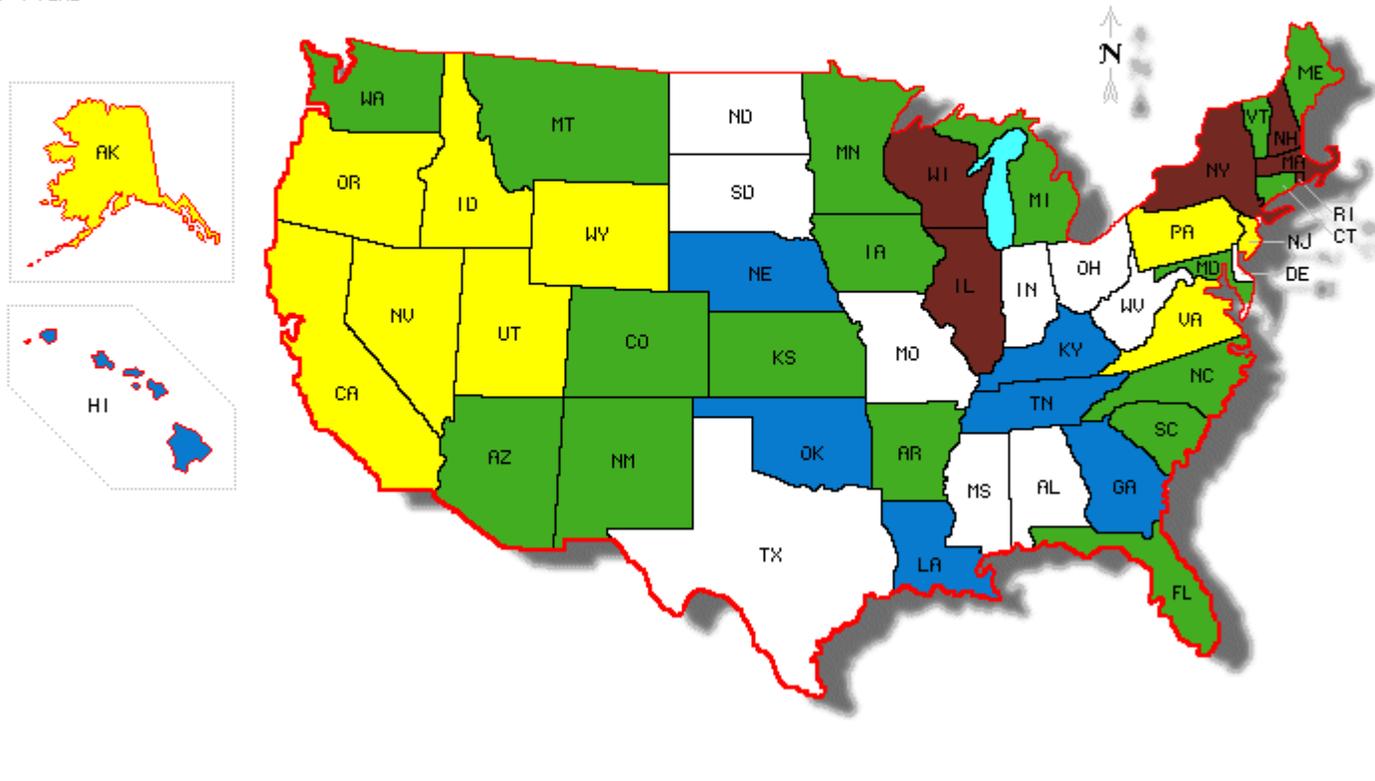
- State of Alaska
- Alaska Public Infrastructure Technical Work Group (PI-TWG) Members
- Members of the Public
- The Center for Climate Strategies

# Who is the Center for Climate Strategies?

- Non-profit focused on helping states develop comprehensive, stakeholder-driven climate action policies and plans.
- Typically work with senior state officials
  - Governors' offices, Commissioners, Cabinets
- Multiple areas of technical and policy expertise:
  - Process design, formation, management & facilitation, decision support, conflict resolution & consensus building, technical analysis, and capacity building.
  - Multiple skills and tools for identifying & evaluating policy options
- Virtual organization with ~50 expert partners
- Unparalleled expertise with work in more than 25 states

# Where Has CCS Been Active?

- - Comprehensive Plans
- - Partial Plans
- - Initial Contact
- - Other Plans



# State Climate Planning Process: Overview

- Comprehensive
- Stepwise
- Fact-based
- Self-determined
- Consensus-driven
- Informal
- Nonbinding
- Transparent
- Inclusive
- Flexible



# Stepwise Planning Process

1. Develop/revise baseline vulnerability assessment and impact focus areas
2. Identify a full range of possible actions (“catalog”) and programs already in place
3. Identify initial priorities for analysis & development
4. Develop straw proposals
5. Evaluate (and quantify to the extent possible) costs and benefits
6. Evaluate feasibility issues; associated issues; linkages
7. Develop alternatives if needed to enhance consensus
8. Iterate to final agreement
9. Finalize and report recommendations

# Process Design & Development

- Conduct
  - Stepwise process; iterate to consensus
  - All transparent, with public involvement at each stage
  
- Conclude
  - Determine consensus levels of priority policy options
  - Draft final reports and recommendations for the CCSC

# Overarching Outcomes of the CCS Stakeholder-Based Planning Process

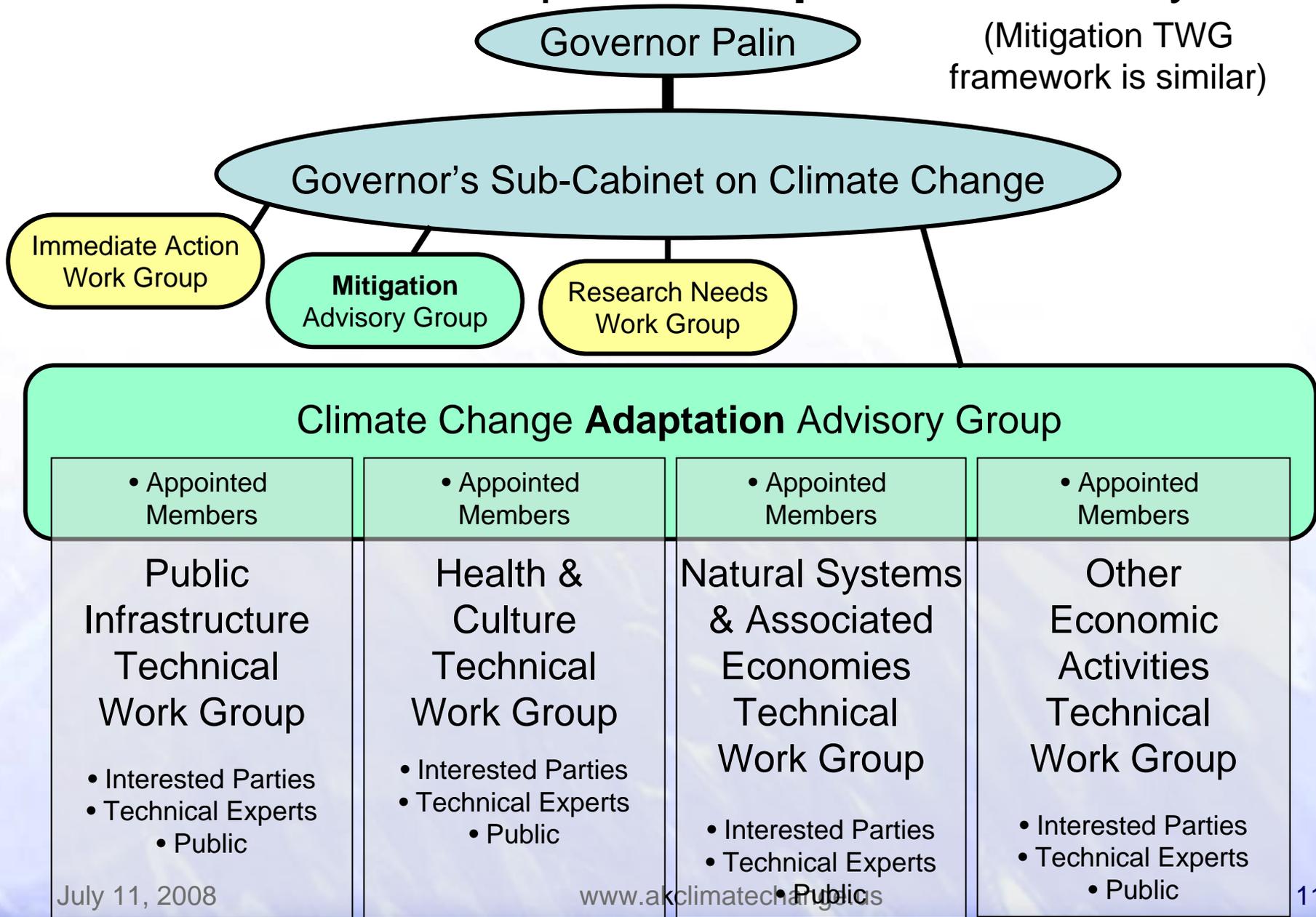
- Policy recommendations to the CCSC that are tailored *for* Alaska *by* Alaskans
- Comprehensive results across multiple focus areas
- Groundwork for implementation
- No surprises
- Broad consensus
- Relationships built

# Overview of Roles and Responsibilities

- Climate Change Sub-Cabinet (CCSC) convened by Governor Palin
- DEC oversees and coordinates process on behalf of the CCSC
- CCAAG makes recommendations to CCSC
- Technical Work Groups (TWGs) assist in developing CCAAG recommendations
- Public input and review for stakeholders
- CCS provides facilitation, technical assistance, and prepares final report to CCSC

# Technical Work Groups for **Adaptation** Advisory Group

(Mitigation TWG framework is similar)



# Technical Work Groups

- **Public Infrastructure**
  - Roads and bridges; airports and landing strips
  - Port infrastructure, sea walls and shoreline protection
  - Buildings, utilities, water systems, sewerage, landfills, etc.
  - Ocean transportation
- **Health & Culture**
  - Human health, diseases, air & water quality, emergency response
  - Recreation; gardening; quality of life
  - Traditional cultures; subsistence lifestyles
- **Natural Systems & Associated Economies**
  - Forestry, agriculture; freshwater, marine & coastal ecosystems
  - Wildlife; fishing and hunting (subsistence & sport)
- **Other Economic Activities**
  - Oil & Gas; mining
  - Tourism / eco-tourism
  - Defense

# Technical Work Group Roles

- Assist CCAAG:
  - Review and improve the vulnerability assessment
  - Identify potential state actions for catalog
  - Identify potential priorities for analysis
  - Suggest straw policy designs
  - Assist with analysis and review of options
  - Assist with development of alternatives
  - Assist with input to and review of CCAAG report

# Catalog of Adaptation Responses

- ~200 actions by U.S. states & internationally
- Existing, planned, and proposed state-level actions
- Wide variety of regions, sectors, focus areas
- Wide variety of implementation mechanisms
- Will include key Alaska actions
- CCAAG will add new potential actions
- Starting place for identification of CCAAG priority options

# Policy Design Proposals

- CCAAG identifies 25-40 draft potential options for further development
- TWGs screen, prioritize, and propose initial policy option design (“straw proposals”)
  - Goals
  - Coverage / Parties
  - Timing
  - Implementation Mechanism
- CCS team quantifies and presents for review and modification, if necessary
- CCAAG revisits list of potential priorities, as needed

# Possible Selection Criteria

- Benefits
- Capital intensity or cost (qualitative)
- Feasibility
- Adaptive capacity
- Timing or urgency
- Flexibility

# Policy Option Template

- Policy Description (Concept)
- Policy Design (Goals, Timing, Coverage)
- Implementation Methods
- Related Programs and Policies (BAU)
- Estimated Adaptation Benefits and Costs
- Additional Benefits and Costs (if needed)
- Feasibility Issues
- Status of Group Approval
- Level of Group Support
- Barriers to Consensus, if any

# Transparency



- “Show Your Work”
  - Policy Design
    - Timing
    - Levels
    - Parties Involved
    - Implementation Methods
  - Evaluation Approach
    - Data sources
    - Methods
    - Assumptions

# Examples of Possible Adaptation Policy Recommendations

- Incorporate climate impacts in prioritizing funding, design, operation and maintenance decisions
- Factor climate impacts and risks in emergency response and public health planning
- Revise land use, shoreline, and flood control plans (and planning) to address climate impacts
- Incorporate climate impacts in the design of harbor and dockside infrastructure
- Revise building codes (e.g., modular construction, adjustable foundations over permafrost, etc)
- Develop strategies to respond to potential increases in undesirable exotic and invasive species

# Ground Rules

- Support the process
- Attend meetings
- All on equal footing
- Make objective and timely contributions
- Stay current with information
- No backsliding
- No member represents the CCSC

# Prospective Timetable: Climate Change Adaptation Advisory Group

Date	Action
May 16, 2008	1 <sup>st</sup> Meeting: Meet with IAWG and RNWG
July 16, 2008	2 <sup>nd</sup> Meeting: Review Process, Vulnerability
September 23, 2008	3 <sup>rd</sup> Meeting: Catalog of Potential Policy Options
November 7, 2008	4 <sup>th</sup> Meeting: Select Priority Policy Options
February 6, 2009	5 <sup>th</sup> Meeting: Approve Straw Proposals
March 5, 2009 (tent.)	6 <sup>th</sup> Meeting: Initial Assessment of Options
April 30, 2009 (tent.)	7 <sup>th</sup> Meeting: Approve Recommended Options
Following Conclusion	Final Report to Sub-Cabinet
Between Meetings	Regular TWG teleconference meetings and possible face-to-face meetings

# Next Steps for PI-TWG

- Develop catalog of potential state actions
- 3 TWG calls between now and September meeting
- In July, CCAAG signs off on catalogs
- Begin discussion about priority policy options for further analysis

# Future PI-TWG Meetings

- Proposed Dates Date
  - Friday, August 15, 2008
  - Friday, September 12, 2008



# Public Input

# Announcements